

AMENDMENTS TO THE CLAIMS

1. - 26. (Cancelled).

27. (Currently Amended) The An isolated and purified MANF2 polypeptide of claim 7, which comprises comprising the entire amino acid sequence of SEQ ID NO:2.

28. (Currently Amended) The An isolated and purified MANF2 polypeptide of claim 7, which consists consisting of amino acids 27-187 of the amino acid sequence of SEQ ID NO:2

29. (Currently Amended) A method of producing expressing a full length MANF2 polypeptide according to claim 27 comprising amino acids 1-187 of SEQ ID NO:2, said method comprising:

culturing a host cell comprising a polynucleotide encoding said full length MANF2 polypeptide operably associated with a promoter sequence such that the nucleic acid sequence encoding said polypeptide is expressed; and

~~isolating said polypeptide from said host cell or from a growth medium in which said host cell is cultured.~~

30. **(Currently Amended)** A method of producing a mature MANF2 polypeptide according to claim 28 consisting of amino acids 27-187 of SEQ ID NO:2, said method comprising:

culturing a host cell comprising a polynucleotide encoding said polypeptide SEQ ID NO:2 operably associated with a promoter sequence such that the nucleic acid sequence encoding said polypeptide a polypeptide comprising SEQ ID NO:2 is expressed;

cleaving amino acids 1-26 of said expressed protein to obtain said mature MANF2 polypeptide; and

isolating said mature polypeptide from said host cell or from a growth medium in which said host cell is cultured.